

**Patent/Publication No.** I231150

**Title** Detection device and method for both audio-video interface socket and earphone line socket

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**Abstract** This invention discloses a detection device and its method for both audio-video interface socket and earphone line socket. A detection device detects if a plug with three or four terminals is plugged into the socket. If not, continue to detect, otherwise detect if the impedance at the image output terminal of the socket is larger than the preset value. If it is larger than the default value, control the image signal output terminal to output the image signal, otherwise control the image signal output terminal not to output the image signal, but only output the voice signal. It is not necessary for user by manual to select the output modes in this invention. The four-terminal socket compatible with the standard three-terminal plug of earphone can still be preserved. It simplifies the operation to eliminate the possibility of erroneous operation, and avoids

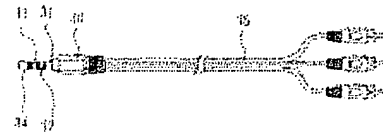


圖 2

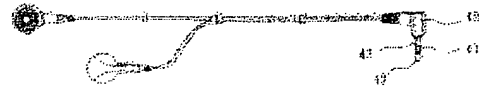


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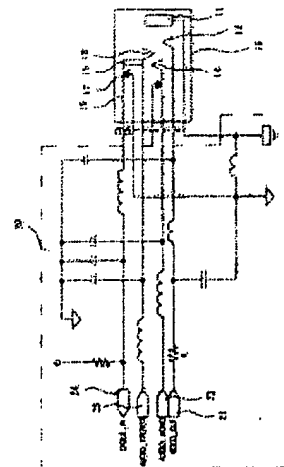


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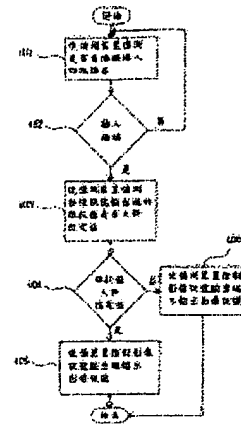
the damage of the circuit in the audio-video player.

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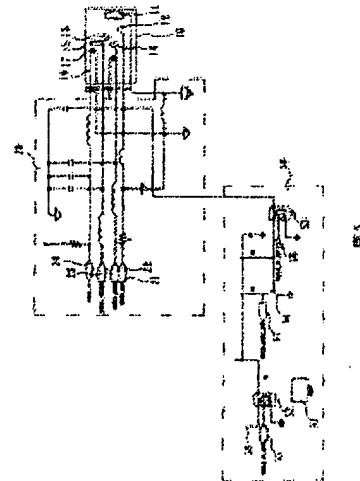
### Patent Right Change

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Transfer Note	No
Succession Note	No
Trust Note	No
Opposition Note	No
Invalidation Note	No
Cessation Note	
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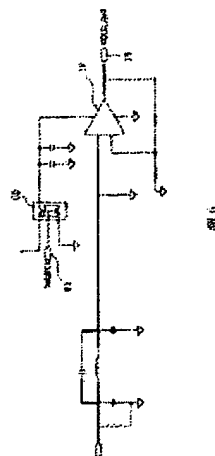
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